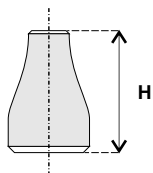
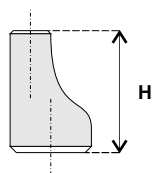
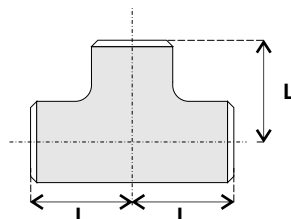
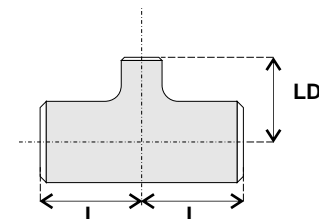


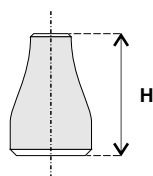
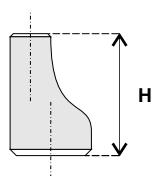
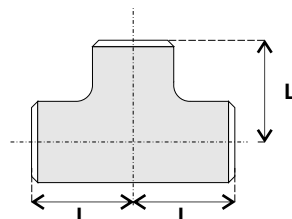
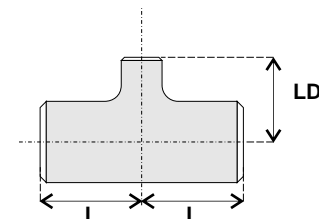
Dimensões						
Diâmetro Nominal	A	B	C	H	Hr	Hs
Polegadas	mm	mm	mm	mm	mm	mm
½"	38,10	15,87	-	47,62	-	25,40
¾"	28,57	14,28	-	42,86	-	25,40
1"	38,10	22,22	25,40	55,57	41,27	38,10
1¼"	47,62	25,40	31,75	69,85	52,38	38,10
1½"	57,15	28,57	38,10	82,55	61,91	38,10
2"	76,20	34,92	50,80	106,37	80,97	38,10
2½"	95,25	44,45	63,50	131,77	100,01	38,10
3"	114,30	50,80	76,20	158,75	120,65	50,80
3½"	133,35	57,15	88,90	184,15	139,70	63,50
4"	152,40	63,50	101,60	209,55	158,75	63,50
5"	190,50	79,37	127,00	261,93	196,85	76,20
6"	228,60	92,25	152,40	312,73	236,53	88,90
8"	304,80	127,00	203,20	414,33	312,73	101,60
10"	381,00	158,75	254,00	517,52	390,52	127,00
12"	457,20	190,50	304,80	619,12	466,72	152,40
14"	533,40	225,25	355,60	711,20	533,40	165,10
16"	609,60	254,00	406,40	812,80	609,60	177,80
18"	685,80	285,75	457,20	914,40	685,80	203,20
20"	762,00	317,50	508,00	1016,00	762,00	228,60
24"	914,40	381,00	609,60	1219,19	914,40	266,70

Espessura de Parede													
Diâmetro		Sch 20	Sch 30	STD	Sch 40	Sch 60	XS	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160	XXS
Nominal	Externo												
Pol.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
½"	21,33	-	-	2,76	2,76	-	3,73	3,73	-	-	-	4,77	7,46
¾"	26,67	-	-	2,87	2,87	-	3,91	3,91	-	-	-	5,56	7,82
1"	33,40	-	-	3,37	3,37	-	4,54	4,54	-	-	-	6,35	9,09
1¼"	42,16	-	-	3,55	3,55	-	4,85	4,85	-	-	-	6,35	9,70
1½"	48,26	-	-	3,68	3,68	-	5,08	5,08	-	-	-	7,13	10,16
2"	60,32	-	-	3,91	3,91	-	5,53	5,53	-	-	-	8,73	11,07
2½"	73,02	-	-	5,15	5,15	-	7,01	7,01	-	-	-	9,52	14,02
3"	88,90	-	-	5,48	5,48	-	7,62	7,62	-	-	-	11,12	15,24
3½"	101,60	-	-	5,74	5,74	-	8,07	8,07	-	-	-	-	16,15
4"	114,30	-	-	6,02	6,02	-	8,56	8,56	-	11,12	-	13,48	17,12
5"	141,30	-	-	6,55	6,55	-	9,52	9,52	-	12,70	-	18,87	19,05
6"	168,27	-	-	7,11	7,11	-	10,97	10,97	-	14,27	-	18,26	21,94
8"	219,07	6,35	7,03	8,17	8,17	10,31	12,70	12,70	15,08	18,26	20,62	23,01	22,22
10"	273,05	6,35	7,79	9,27	9,27	12,70	12,70	15,08	18,26	21,43	25,40	28,57	25,40
12"	328,85	6,35	8,38	9,52	10,31	14,27	12,70	17,47	21,43	25,40	28,57	33,32	25,40
14"	355,60	7,92	9,52	9,52	11,12	15,08	12,70	19,50	23,82	27,78	31,75	35,71	-
16"	406,40	7,92	9,52	9,52	12,70	16,66	12,70	21,43	26,18	30,96	36,52	40,48	-
18"	457,40	7,92	11,12	9,52	14,27	19,05	12,70	23,82	29,36	34,92	39,67	45,23	-
20"	580,00	9,52	12,70	9,52	15,08	20,62	12,70	26,18	32,53	38,10	44,45	50,01	-
24"	609,60	9,52	14,27	9,52	17,47	24,61	12,70	30,96	38,88	46,02	52,37	59,53	-

Redução
ConcêntricaRedução
ExcêntricaTê com e
sem costuraTê de Redução
com e sem costura

Dimensões

Diâmetro Nominal	Diâmetro Nominal	L	LD	H
Polegadas	Polegadas	mm	mm	mm
¾"	¾"	28,57	-	-
	½"	28,57	28,57	38,10
1"	1"	38,10	-	-
	¾"	38,10	38,10	50,80
	½"	38,10	38,10	50,80
1.¼"	1.¼"	47,62	-	-
	1"	47,62	47,62	50,80
	¾"	47,62	47,62	50,80
	½"	47,62	47,62	50,80
1.½"	1.½"	57,15	-	-
	1.¼"	57,15	57,15	63,50
	1"	57,15	57,15	63,50
	¾"	57,15	57,15	63,50
	½"	57,15	57,15	63,50
2"	2"	63,50	-	-
	1.½"	63,50	63,50	76,20
	1.¼"	63,50	57,15	76,20
	1"	63,50	50,80	76,20
	¾"	63,50	44,45	76,20
2.½"	2.½"	76,20	-	-
	2"	76,20	69,85	88,90
	1.½"	76,20	66,67	88,90
	1.¼"	76,20	63,50	88,90
	1"	76,20	57,15	88,90
3"	3"	85,72	-	-
	2.½"	85,72	82,55	88,90
	2"	85,72	76,20	88,90
	1.½"	85,72	73,02	88,90
	1.¼"	85,72	69,85	88,90
4"	4"	104,77	-	-
	3"	104,77	98,42	101,60
	2.½"	104,77	95,25	101,60
	2"	104,77	88,90	101,60
	1.½"	104,77	85,72	101,60
5"	5"	123,82	-	-
	4"	123,82	117,47	127,00
	3"	123,82	111,12	127,00
	2.½"	123,82	107,95	127,00
	2"	123,82	104,77	127,00
6"	6"	142,87	-	-
	5"	142,87	136,52	139,70
	4"	142,87	130,17	139,70
	3"	142,87	123,82	139,70
	2.½"	142,87	120,65	139,70
8"	8"	177,80	-	-
	6"	177,80	168,27	152,40
	5"	177,80	161,92	152,40
	4"	177,80	155,57	152,40

Redução
ConcêntricaRedução
ExcêntricaTê com e
sem costuraTê de Redução
com e sem costura

Dimensões

Diâmetro Nominal	Diâmetro Nominal	L	LD	H
Polegadas	Polegadas	mm	mm	mm
10"	10"	215,89	-	-
	8"	215,89	203,20	177,80
	6"	215,89	193,67	177,80
	5"	215,89	190,50	177,80
	4"	215,89	184,15	177,80
12"	12"	254,00	-	-
	10"	254,00	241,30	203,20
	8"	254,00	228,60	203,20
	6"	254,00	219,07	203,20
	5"	254,00	215,90	203,20
14"	14"	279,40	-	-
	12"	279,40	269,87	330,20
	10"	279,40	257,17	330,20
	8"	279,40	247,65	330,20
	6"	279,40	238,12	330,20
16"	16"	304,80	-	-
	14"	304,80	304,80	355,60
	12"	304,80	295,27	355,60
	10"	304,80	282,57	355,60
	8"	304,80	273,05	355,60
	6"	304,80	263,52	355,60
18"	18"	342,90	-	-
	16"	342,90	330,20	381,00
	14"	342,90	330,20	381,00
	12"	342,90	320,67	381,00
	10"	342,90	307,97	381,00
	8"	342,90	298,45	381,00
20"	20"	381,00	-	-
	18"	381,00	368,30	508,00
	16"	381,00	355,60	508,00
	14"	381,00	355,60	508,00
	12"	381,00	346,07	508,00
	10"	381,00	333,37	508,00
	8"	381,00	323,85	508,00
24"	24"	431,80	-	-
	20"	431,80	431,80	508,00
	18"	431,80	419,10	508,00
	16"	431,80	406,40	508,00
	14"	431,80	406,40	508,00
	12"	431,80	396,87	508,00